

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L. L. P.

1300 I STREET, N. W.

WASHINGTON, DC 20005-3315

202 • 408 • 4000

FACSIMILE 202 • 408 • 4400

WRITER'S DIRECT DIAL NUMBER:

202 • 408 • 4435

TOKYO

011 • 813 • 3431 • 6943

BRUSSELS

011 • 322 • 646 • 0353

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**Box PATENT APPLICATION**  
**Assistant Commissioner for Patents**  
**Washington, DC 20231**

New U.S. Patent Application

Title: METHODS AND SYSTEMS FOR ADAPTATION, DIAGNOSIS,  
OPTIMIZATION, AND PRESCRIPTION TECHNOLOGY FOR  
NETWORK BASED APPLICATIONS

Inventors: Douglas K. WYATT, Barry HAYES, and Scott MCGREGOR

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application - 25 pages, including 4 independent claims and 24 claims total.
2. Drawings - 5 sheets of drawings (Figures 1, 2, 3, 4a, and 4b).

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3. The filing fee is calculated as follows:

Basic Application Filing Fee					\$710	\$ 710.00
	Number of Claims		Basic	Extra Claims		
Total Claims	24	-	20	4	x \$18	72.00
Independent Claims	4	-	3	1	x \$80	80.00
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)					+\$270	0.0
Subtotal						\$ 862.00
Reduction by 1/2 if small entity						- 0.0
TOTAL APPLICATION FILING FEE						\$ 862.00

4. A check for \$\_\_\_\_\_ is enclosed. The fee includes:

\$710.00 - filing fee; and  
\$152.00 - additional claims fee.

Applicants claim the right to priority based on Provisional Patent Application No. 60/215,321 filed June 30, 2000.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.  
1300 I Street, N.W.  
Washington, D.C. 20005-3315

This application is being filed under the provisions of 37 C.F.R. § 1.53(f). Applicants await notification from the Patent and Trademark Office of the time set for filing the Declaration.

Please accord this application an application number and filing date.

No filing fee is being paid at this time. With the exception of the filing fee, the Commissioner is hereby authorized to charge any fees due, including fees under 37 C.F.R. § 1.16 or § 1.17, during the pendency of this application to our Deposit Account No. 06-0916.

Variable	Mean	SD	Min	Max
Age (years)	30.5	4.2	18	45
Gender (Male/Female)	15/15	-	-	-
Education (years)	12.5	1.5	10	15
Occupation (Student/Worker)	10/5	-	-	-
Marital status (Single/Married)	12/3	-	-	-
Family size (number of children)	1.5	1.0	0	3
Income (USD/month)	150	50	100	250
Health status (Good/Fair/Poor)	10/5/5	-	-	-
Smoking status (Smoker/Non-smoker)	5/15	-	-	-
Alcohol consumption (Yes/No)	5/10	-	-	-
Exercise frequency (times/week)	2.5	1.5	0	5
Stress level (Low/Medium/High)	5/5/5	-	-	-
Depression score (0-10)	3.5	2.5	0	10
Life satisfaction score (0-10)	6.5	2.5	0	10
Overall health score (0-10)	7.5	2.5	0	10

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Donald D. Min  
Reg. No. 47,796

## Enclosures